

PAT-NO: JP02000182237A

DOCUMENT-IDENTIFIER: JP 2000182237 A

TITLE: CLOTH AND METHOD FOR POLISHING MAGNETIC
RECORDING DISK

PUBN-DATE: June 30, 2000

INVENTOR-INFORMATION:

NAME

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NAME

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APPL-NO: JP10352809

APPL-DATE: December 11, 1998

INT-CL (IPC): G11B005/84, B24B029/00

ABSTRACT:

PROBLEM TO BE SOLVED: To provide a cloth and method for polishing efficiently a magnetic recording disk base without forming any partially deep flaw.

SOLUTION: Single-yarn filament yarn of multi-filament yarn of ≤0.3 denier used for cloth has a tilt of ≥10° to the length of polishing cloth by both the tilt of a warp of sateen weave or leasing weave and the tilt of twine, and in a polishing process which uses diamond slurry in combination, diamond grains are scattered uniformly over the entire surface of the polishing cloth to permit uniform and efficient polishing.

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TITLE: Polish tape for magnetic recording disk,
consists of fabric structure with reversely twisted satin
elastic webbing lines of predetermined size

PATENT-ASSIGNEE: UNITIKA LTD[NIRA]

PRIORITY-DATA: 1998JP-0352809 (December 11, 1998)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
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ABSTRACTED-PUB-NO: JP2000182237A

BASIC-ABSTRACT:

NOVELTY - The polish tape for magnetic recording disc has a fabric structure which consists of synthetic fiber multifilament thread with reversely twisted satin elastic webbing lines. The size of the single line is 0.3 deniers or less.

DETAILED DESCRIPTION - An INDEPENDENT CLAIM is also included for the polishing method.

USE - Used for polishing magnetic recording disk.

ADVANTAGE - The tape is very efficient in polishing without making partial deep injury.

DESCRIPTION OF DRAWING(S) - The figure shows the cross-section of divided fiber split thread.

CHOSEN-DRAWING: Dwg.1/3

TITLE-TERMS: POLISH TAPE MAGNETIC RECORD DISC CONSIST FABRIC
STRUCTURE REVERSE

TWIST SATIN ELASTIC WEB LINE PREDETERMINED SIZE

DERWENT-CLASS: F07 L02 L03 P61 T03

CPI-CODES: F04-E; L03-B05A;

EPI-CODES: T03-A02E3;

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